

**Notice of Allowability**

Application No.

09/754,155

Examiner

Chongshan Chen

Applicant(s)

WEIL ET AL.

Art Unit

2162

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/30/2004.
2. ☒ The allowed claim(s) is/are 1,4-9,12,13,18-20 and 22.
3. ☒ The drawings filed on 04 January 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 2/10/2005.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

  
JEAN M. CORRIELLUS  
PRIMARY EXAMINER

### **DETAILED ACTION**

1. This action is responsive to Amendment filed on 30 December 2005.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kent Lembke on 10 February 2005.

The application has been amended as follows:

**Please replace claims 1, 7, 12, 18, and 22 as follows.**

**Please cancel claims 2, 3, 10, 11, and 14-17.**

Claim 1      A method for controlling access provided to a client to content files during an information search based on a client search profile, comprising:

receiving a search request from a client;

creating a modified search request by applying a search profile for the client to the received search request, wherein the creating of the modified search request includes generating the search profile based on stored information pertaining to the client, the generating includes

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accessing the stored information pertaining to the client using login information for the client, the login information being collected prior to the receiving of the search request; and

routing the modified search request to a search engine having a search engine collections populated from the content files,

wherein the applying of the search profile includes adding at least a portion of the search profile to the received search request to specify a set of the search engine collections to be searched by the search engine with the modified search request, and

wherein the modified search request comprises the received search request and the portion of the search profile comprising a tag label of one of the search engine collections.

Cancel claim 2 and 3.

Claim 7        A method for restricting direct access to content files by a search engine and a client during an information search initiated by the client and performed by the search engine, comprising:

positioning a search engine interface between the client and the search engine, wherein the search engine interface is also positioned between the search engine and the content files;

receiving with the search engine interface an indexing request from the search engine for a set of information from the content files;

operating the search engine interface to retrieve the set of information from the content files;

modifying content in the set of information from the content files with the search engine interface;

passing the modified set of information to the search engine for use in populating a search engine collections;

receiving at the search engine interface a search request from the client, wherein the received search request includes a client search profile defining select collections in the search engine collections for applying the search request;

modifying the search request by operating the search engine interface to add the client search profile to the received search request to identify select ones of the search engine collections for applying the search request; and

routing the modified search request to the search engine for use in searching the search engine collections.

Cancel claims 10 and 11.

Claim 12      The method of claim 7, wherein the modifying the search request includes generating the client search profile including retrieving with the search engine interface user information for the client.

Cancel claims 14-17.

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Claim 18      A computer program for controlling access to content files during an information search initiated by a client and performed by a search engine, comprising:

first computer code devices configured to cause a computer to receive a search request from the client;

second computer code device configured to cause a computer to create a modified search request by applying a search profile for the client to the received search request, wherein the creating of the modified search request includes generating the search profile based on stored information pertaining to the client, the generating includes accessing the stored information pertaining to the client using login information for the client, the login information being collected prior to the receiving of the search request;

third computer code devices configured to cause a computer to route the modified search request to the search engine, the search engine being communicatively linked to a search engine collections populated with a set of information from the content files; and

fourth computer code devices configured to cause a computer to intercept an indexing request from the search engine for information from the content files and to generate a restricted populating set of information by modifying results of the indexing request, wherein the search engine uses the restricted populating set of information to populate the search engine collections, and

wherein the search profile defines select ones of the search engine collections for applying the modified search request during the information search.

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Claim 22      A method for concurrently restricting direct access to content files by a search engine and a client during an information search initiated by the client and performed by the search engine, comprising:

         positioning a search engine interface between the client and the search engine, wherein the search engine interface is also positioned between the search engine and the content files;

         receiving with the search engine interface an indexing request from the search engine for a set of information from the content files;

         operating the search engine interface to retrieve the set of information from the content files;

         modifying the retrieved set of information from the content files with the search engine interface to include service identifications;

         passing the modified set of information to the search engine for use in populating a search engine collections;

         receiving at the search engine interface a search request from the client, wherein the received search request includes a client search profile defining select collections in the search engine collections for applying the search request;

         modifying the search request to add a particular service identification defined in the client search profile; and

         routing the modified search request to the search engine for use in searching the search engine collections, whereby the search engine compares the particular service identification to service identifications to select a subset of the search engine collections for use in the searching.

***Allowable Subject Matter***

3. Claims 1, 4-9, 12, 13, 18-20 and 22 are allowed over prior art that made record.

***Reasons for Allowance***

4. The following is an examiner's statement of reasons for allowance:

The prior art of record alone or in combination does not fairly teach or suggest "creating a modified search request by applying a search profile for the client to the received search request", "wherein the applying of the search profile includes adding at least a portion of the search profile to the received search request to specify a set of the search engine collections to be searched by the search engine with the modified search request, and wherein the modified search request comprises the received search request and the portion of the search profile comprising a tag label of one of the search engine collections" in claim 1; "receiving with the search engine interface an indexing request from the search engine for a set of information from the content files", "modify content in the set of information from the content files with the search engine interface; passing the modified set of information to the search engine for use in populating a search engine collections; receiving at the search engine interface a search request from the client, wherein the received search request includes a client search profile defining select collections in the search engine collection for applying the search request; modifying the search request by operating the search engine interface to add the client search profile to the received search request to identify select ones of the search engine collections for applying the search request" in claim 7; "create a modified search request by applying a search profile for the client to the received search request", "indexing request from the search engine for information from

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the content files and to generate a restricted populating set of information”, “wherein the search engine uses the restricted populating set of information to populate the search engine collections, and wherein the search profile defines select ones of the search engine collections for applying the modified search request during the information search” in claim 18; “receiving with the search engine interface an indexing request from the search engine for a set of information from the content files”, “modifying the retrieved set of information from the content files with the search engine interface to include service identifications; passing the modified set of information to the search engine for use in populating a search engine collections; receiving at the search engine interface a search request from the client, wherein the received search request includes a client search profile defining select collections in the search engine collections for applying the search request; modifying the search request to add a particular service identification defined in the client search profile”, “whereby the search engine compares the particular service identification to service identifications to select a subset of the search engine collections for use in the searching” in claim 22, and in conjunction with all other limitations of the dependent and independent claims. Therefore, all pending claims 1, 4-9, 12, 13, 18-20 and 22 are hereby allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”




***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chongshan Chen whose telephone number is (571)272-4031. The examiner can normally be reached on Monday - Friday (8:00 am - 4:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E Breene can be reached on (571)272-4107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chongshan Chen  
February 10, 2005

  
JEAN M. CORRIELLUS  
PRIMARY EXAMINER